OIPE JC102
APR 0 8 2004
PATENT & TRADEMARK OFFICE

Title: COMPUTATIONAL METHOD FOR PREDICTING PROTEIN INTERACTION SITES
Inventor Name: Ondrechen et al.
Appl. No.: 10/678,756
Docket No.: NU-593XX

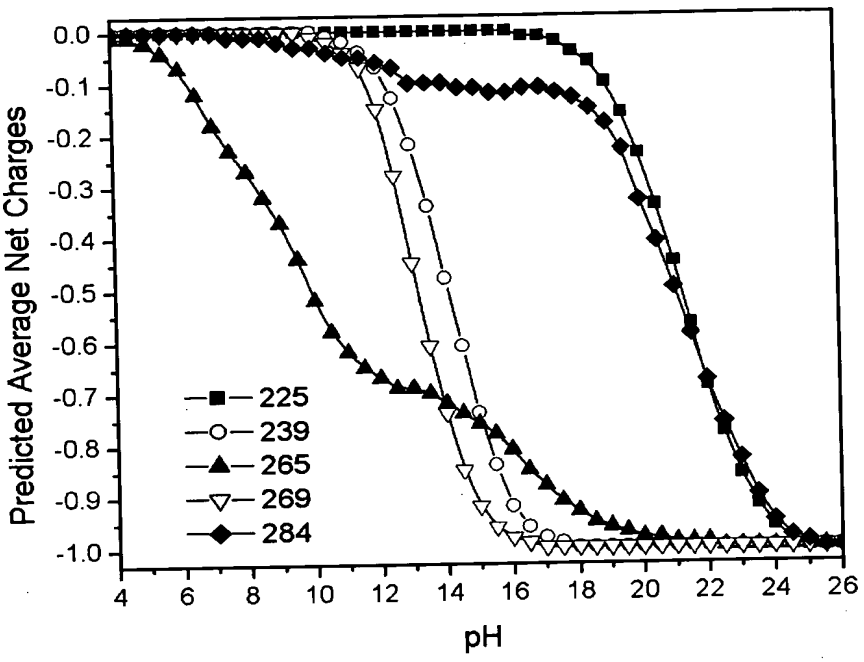

FIG. 1

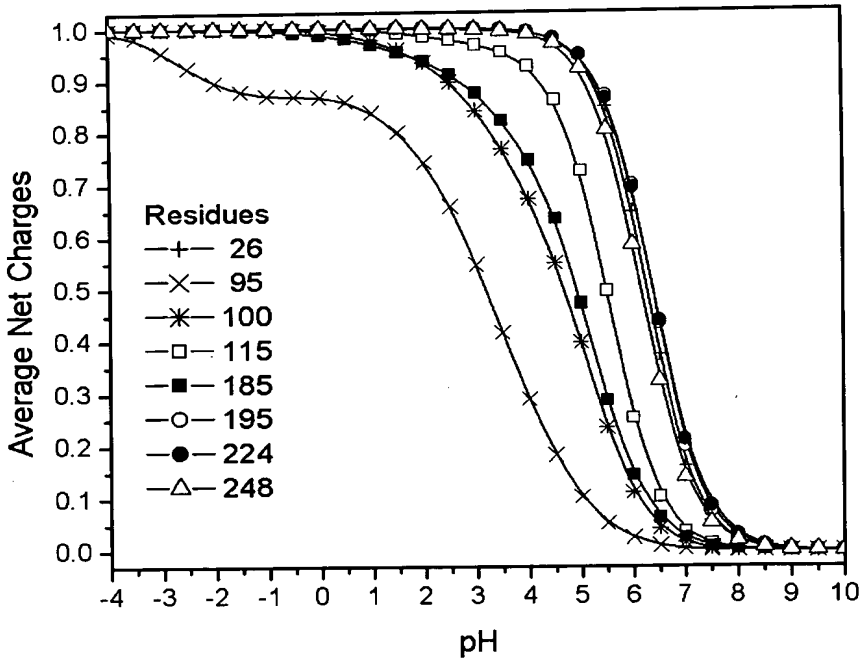

FIG. 2

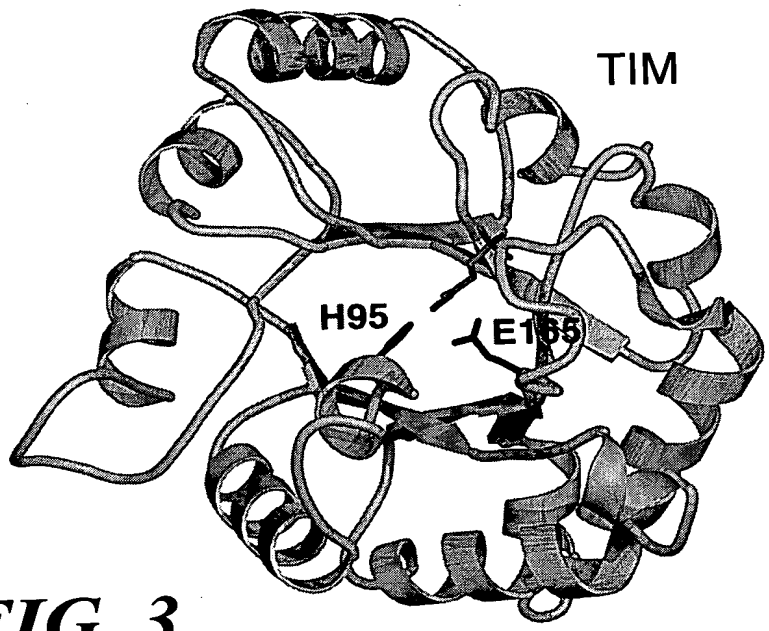

FIG. 3

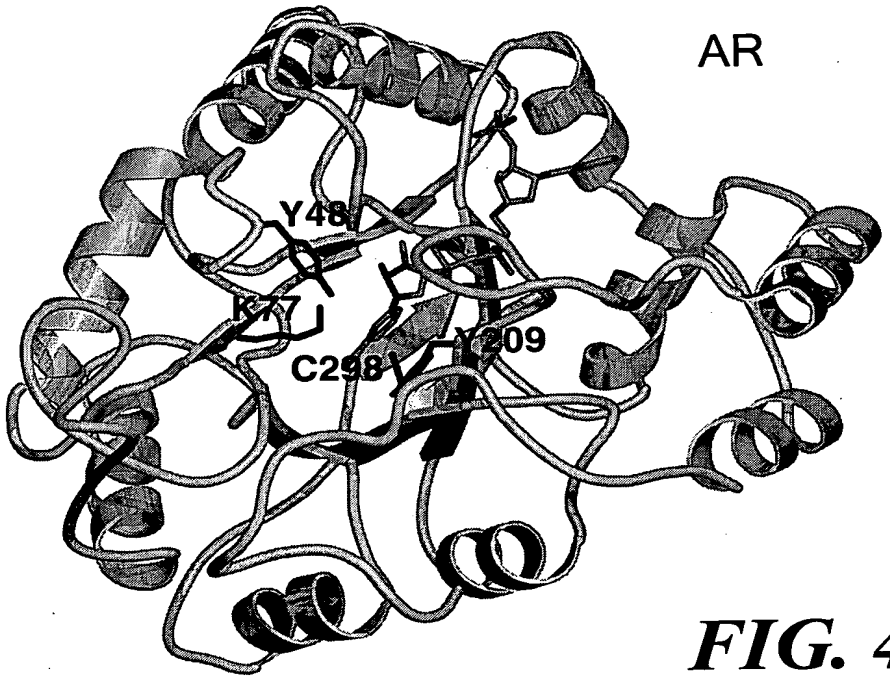

FIG. 4

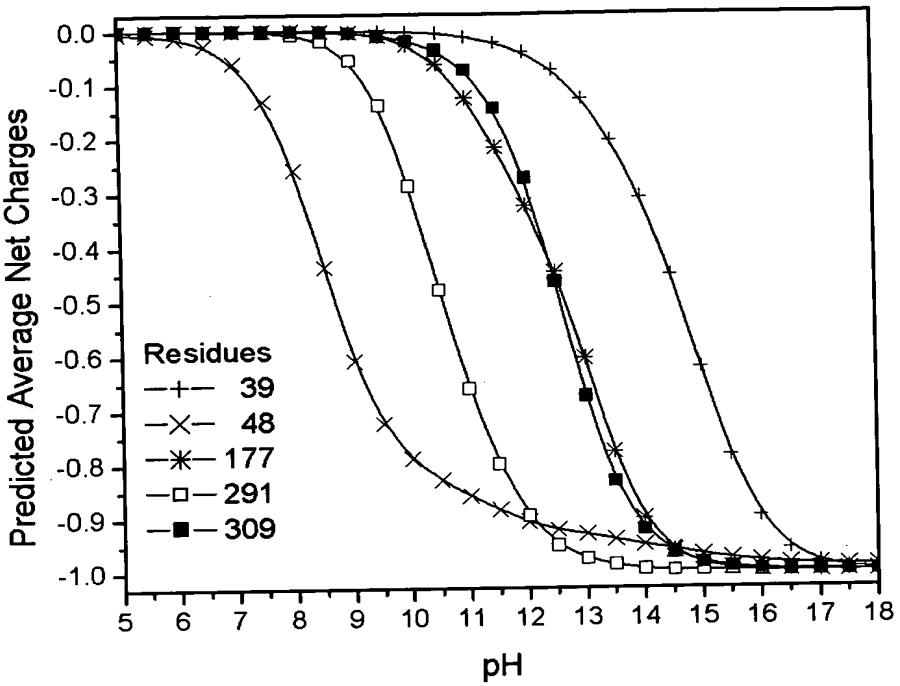
Predicted Average Net Charges
0.0
-0.1
-0.2
-0.3
-0.4
-0.5
-0.6
-0.7
-0.8
-0.9
-1.0
Residues
39
48
177
291
309
5
6
7
8
9
10
11
12
13
14
15
16
17
18
pH

FIG. 5

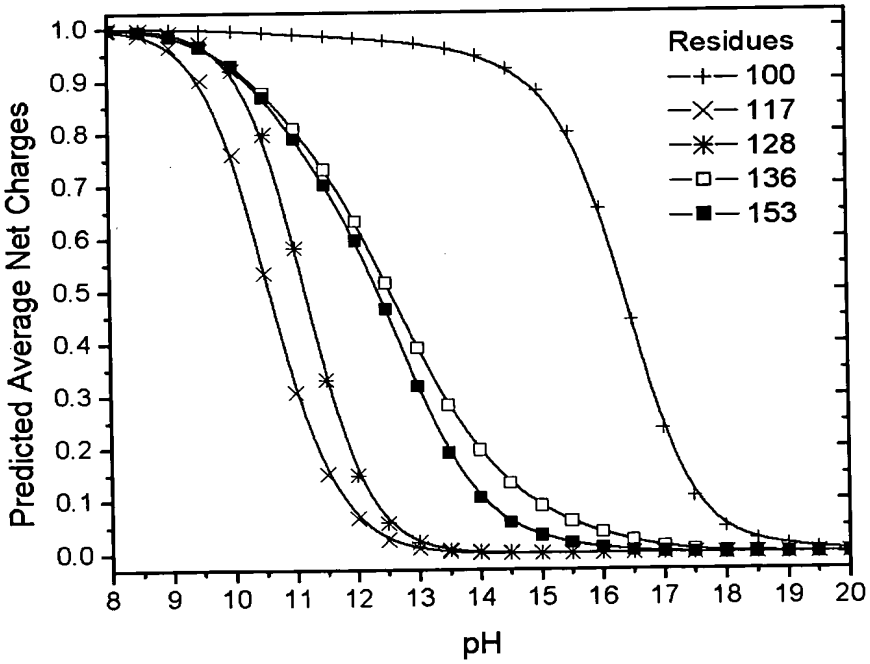
Predicted Average Net Charges
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
Residues
100
117
128
136
153
8
9
10
11
12
13
14
15
16
17
18
19
20
pH

FIG. 6

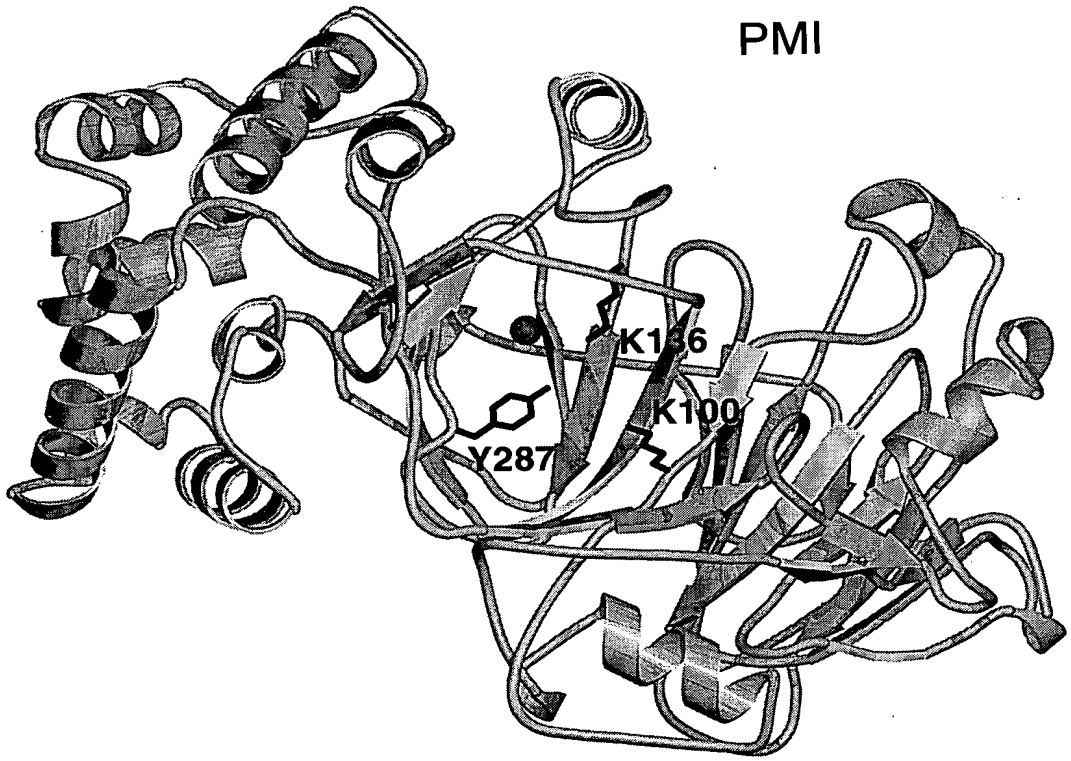

FIG. 7

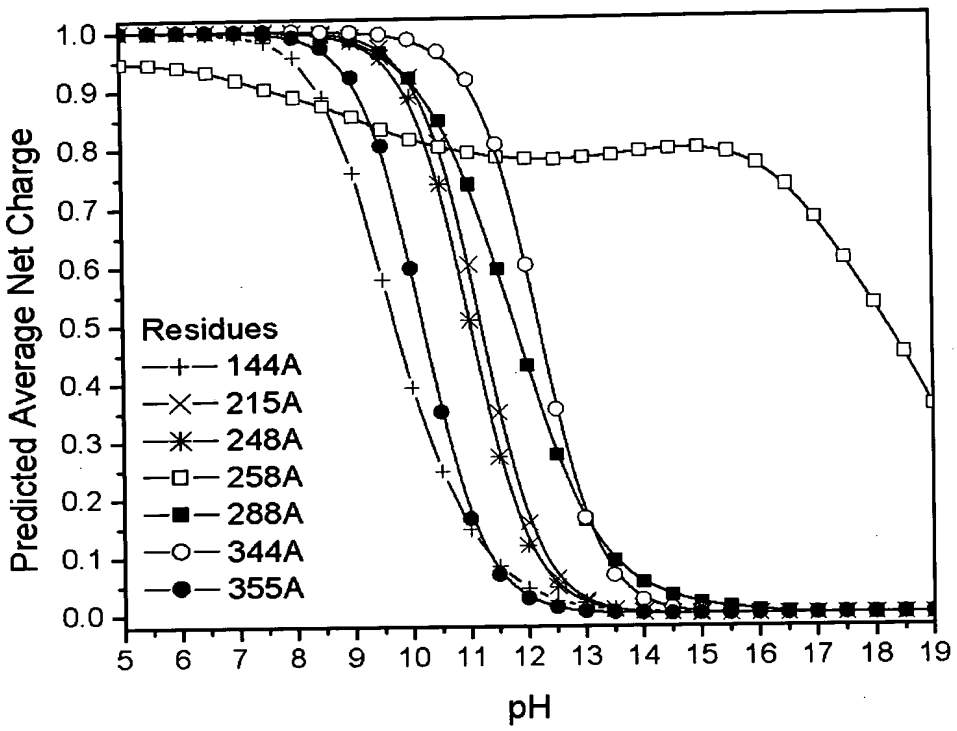
Predicted Average Net Charge
pH
Residues
144A
215A
248A
258A
288A
344A
355A
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19

FIG. 8

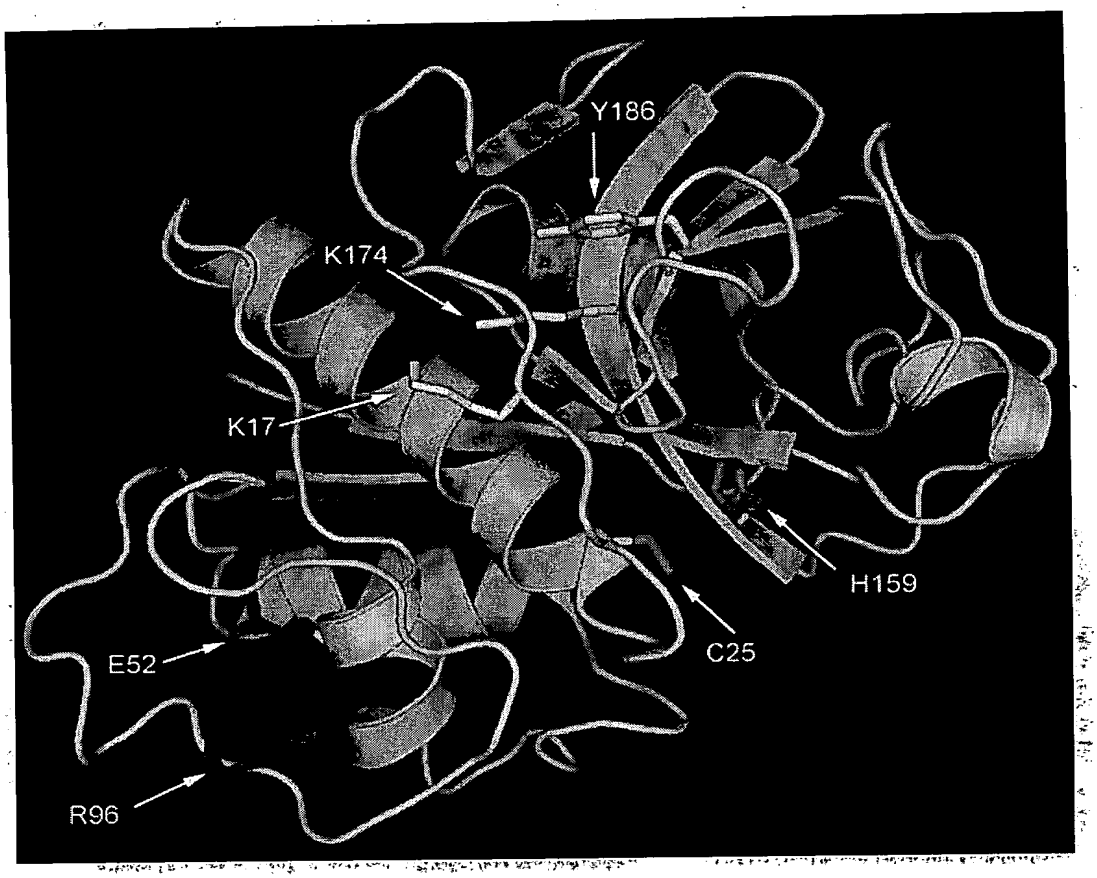

FIG. 9